

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 March 2004 (25.03.2004)

PCT

(10) International Publication Number
WO 2004/025502 A1

(51) International Patent Classification⁷: G06F 17/30, 9/46

(21) International Application Number:

PCT/EP2003/009827

(22) International Filing Date:

4 September 2003 (04.09.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/408,901	9 September 2002 (09.09.2002)	US
60/408,905	9 September 2002 (09.09.2002)	US
60/408,903	9 September 2002 (09.09.2002)	US
60/408,902	9 September 2002 (09.09.2002)	US
60/409,606	11 September 2002 (11.09.2002)	US
60/409,593	11 September 2002 (11.09.2002)	US

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(Continued on next page)

(54) Title: METHODS AND SYSTEMS FOR CONTROLLING ACCESS TO A DATA OBJECT BY MEANS OF LOCKS

Table 1

Field A	Field B	Field C	...	Field X
A	B			
B	B			C
B	C			
C	F			
...

Persistent Lock Object

ID 1	Archive
AB	001
BB	002
BC	002
CF	003
...	...

Table 2

Field A	Field B	Field C	...	Field Y
E	L			
F	K			
G	H	M		to Table 1
C	F			
...

Transactional Lock Object

ID 2
AB
BC
CF
...

(57) Abstract: The Invention relates to a process for accessing in a computer system a data object having an identifier (ID), comprising: checking, before accessing said data object, whether said ID is contained in a first lock object and whether a link to a storage location is assigned to said ID in said first lock object, and in case said ID is not contained in said first lock object and/or no link is assigned to said ID, performing a read and/or write access on said data object, else, skipping said access.